Aviation levs

Canada Assumes Port Costs

Woodrum Asks Strong Postwar Aviation

Increasing Plane Hp. Gives Allies Edge

McCarran Bill Emphasizes Air Policy

PAA Plans 150-Passenger Planes

Tighter Draft May Take Air Engineers Review of deferment cases may re-

sult in possible strain on production machinery but increased efficiency of workers may cushion loss...Page 9

Wright Aero's Hp. Output Sets Record

AA, Export Present Policy Problem



To Guide Vital Post-War Group: Representative Clifford Woodraw. (D. Va) has been selected by bi-partisan leadership of the House to head a special committee on post-war military policy including aviation matters. Seven members each from the Military Afgias and Naval Affairs Committees and seven from the House at large will comprise the membership.



Taking the heat off tracers - before they hit!

down fivers affort.

Exploire fumes from guardine turks, ignited by tracers, could easily blow ye, well very lawer remains jut finance. So our combat pithits fixed the area recound tasks with carebon disoids gas from Kidel explaineds. The first anothering earlies disorder replaces the dangerous agons, robe turces belief to their incending effect. Gaste-make-pressure, harmseed by Kidels, are design savey kided of work for the existin industry. They's used to have out in the area and at alsperts. They supply dictions you place with energy power for belance.

Our Research and Development Department is constantly working out new devices to make flying safer and more efficient. Bring them your problem!



WALTER HIDDE & COMPANY, INC., 356 MAIN STREET, BELLEVILLE, N. J.

THE AVIATION NEWS

Washington Observer

THE NICLABEAN BILL—Top copic of conversables in swalles and silguishine rodies on Washington so the Reference Bill for an All-American for the Control of th

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LEGESLATIVE ACTION-It is too early, of

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THE AUTHORITY STELL LIVES—Abbaseth

and a community of the Law con-instantial conservation is entirely asserted by the conservation of the Constitution of the Con

ALE ALL-SO-- Interest Carreland at Force, sharehold several years before the way, will be revised if the enterpulsing cover groups of San Atlanta, Tax, have their way. A Cambber of Commerce Committee is at work on the project.

DISTRIBUTORS FUTURE—There are strong indiscisions that the automotive distributors groups are issing interest in the post-way aviation picture. Their preliminary studies fail to indust an interest the its institution process the its institution entire a new field.

maintration" with the target plane on the zeroen





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Advention ladge





especially in light of what they expect will be somerordested demands for spice in the same period. Meanwhile, the lattic-published Avintage. headed he kny Snyder is quietly gaining pres-

NEGLECTED GROUP-Assessorement of the ices" recalls the observation of an nieture official recently that this was the neglected group of avistico. The thearth was that private pilate have the AOPA, russelscturers the Accountiled managery have theirs. Many of these woodens consumers full into one of those categories, and

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because increasingly apparent in Washingtonand undeshiedly elsewhere—that there should of some leader afficials. In this connection, there is no desire to skying on the needs of the arrard force-on the other hand the evered to one high official coursesed it. "and tan much and more undanheedly will be heard up that subnet see. These who have examined the areanext form) year and beyond you there is no indication of a reduction

RECEDITING WOMEN - It was observed

believe everything there are now four rellitary recent claim in for the North American P-53 Army Air Bare on Low Island, a group of avialien writers were informed that Republic a P-47

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among the most influential men of the aviation industry WATHEN seven mossile after its first mans, 7.447 and

This is alongest testimony from the most critical and Such a circulation record in papercordered in its Seld. It

fined to top numeroment executives and key military

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Awation News will convert its total 10,000 elections

otion the reason for the surft acceptance of this new-type evision marages. His description of Awatten News. "A hadget of helfed-down information, necessary and suportion to the eviation industry." An aighter Vice President adds "A definite contribution." A WPE Executive describes at-"Of great value as a source of information." Four reprecising arrives and manufacturior para, four-

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VENCUE AMONG INC





Merch 27, 1944

Woodrum Sees Need of Strong Military, Commercial Air Fleets

Select committee head declares civil aviation most furnish

Br WILLIAM G. KEY

to de it again in any future centilet.

times with his doughter, a fring The new committee was proposed

by-portion support in Congress Defense Advorate - After more election In the formulation and Nears Committee worth resplicing for creation of should insure the Wale-

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NAVY DEVELOPS METHOD TO MAKE RELIEF MAPS Thousands of throat-oweb states, held sample on a developed by the Special Devices Division of the

constitutes a warfed command in Prot-War Air Curbs—He has a

be first entered the House in 1923 were being ruthlessly slashed, with USMC as attached to the amphabu-

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WEST COAST REPORT

Douglas DC-7 Publicity Breaks Los Angeles newspaper sketches

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Policy Rolations Office of there b Back Pilets-Farge pressure of mater airline invasion of their dopassecred. A definite move to or-

interest in rotating was referrely.

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Avascon Calcude Nov. 25 Apr. 1 .- Aviation Street, Greater Valley Street, Consultant Street, of Street, Street, or St. 1

And 25-16 - Scribband Assessed and Assessed

Oat, 3rd - State States of According Loss Augustes.

Severa from the Pacific pote January's addition of armor and lightweight camers - carrying

Desfred NACA Men To Stav on Job

Tightening of Draft Expected To Tap Off Vital Plane Engineers

Review of deferment cases true result in possible strain on production machinery but stepped up efficiency of workers in likely to cushion loss of key personnel to substantial extent.

The response tex-of-war which under the new Selective Service has been going on in Washing- program, whether Sciences Service Washington deadlock which colled sary to meet then quotas, despite the Whote Storage

Preduction Brake - There are strong understance of a brake on

unland a number of farious and a \$ Survey Made-A letter contain-

Demands Clash...The great dea met head on. It was a difficult line

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BOEING-WICHITA STRATO LABORATORY:

Cate decrees which of Naval Onesa- can that the deferments recrimeted tone (and and Charles E. Wilson, by the surcest suffering an event of tion Based by James P. Marray, reflection of the offest of this senti-

0.425 endmerring personnel in dustry will seek further defertrusping or experience. The data chade certain lawrages and sale-5,000, of which 1,000 represents b 65 Percent Ekvible—The report number of key war reduction and reers in this industry are subject

to the draft. Engagers under M. one to get the appliance they need cent of the total subsect to the Improvement in labor utilitiesdeaft. Engineers under 28, exclud-Inc. 48"s, comprise 42.7 percent and said development of workers them-"It is descous to emphasize the personnel requirements and neetty fact that these ontical engineers well held up production

Test Airport Grass "They desire and development work today will be reflected the Washington National Airport

Deferments-There is a definite Development Section of the Civil



UNLOADING NEW WACO GLIDER-Rosse unloaded to the new Woos YCG-11 treaspert abiler, secreture

about \$.000 lb exists, and described as costing a tests of the price of epispoed with triepcle poor: [Aviation News Mer. 133]

FEOERAL DIGEST

521 Plane Plants

Built by DPC Total neeber per at \$2,700,000.

1940, Deferre Plant Corp. has built Deferments have been asked by a gings, parts and accessories at a assessment to DEC officials DEC or

Including facilities installed in

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Considered Tealer Acrowl Corp., For World was reduced in both designs for all perfects for or secured MANNE Section Large TV Feedback and management of Constitution of Management of Constitution Visiters Advanced Property of Constitution of Section 15th AST.

These transported cont-of-fire globes are among the aider developed

HOW TO APPROACH ENEMY PLANES

CAW-GB or soldon. Middle emoded the ferrobne of clotters at Wreeve Avenualized English Rife Co., Sec., their last to converge from the bottle at your count (A-W-BB Car St. Probation and maintenance windsyste off) was not or or opened in Maria. Budget Reflects NACA Expansion

454 500 command with \$15 677. 000 for the previous twelve The precessed operations and im-

Their is pending, in the def-

output per day in February

March Production March origin apparently with an ofercase in poundage over last month. With more ord by the industry. Bute of

Line Changes Name Four Lines Report On 1943 Earnings

Financial reports of four sirings

ATWA Not Off - Propositional

out the net to \$611,000. Net profit

PAA Chief Says Line Will Operate 150-Passenger Craft After the War Jean T. Trippe declares chippers, powered by 12,000 hp., will cruise at 280 mph, at half pre-war fares.

"With our new past-wer chapters we will do even better. The hersepower of these new firthe clippers will be not 8,644 but 12,000. They but at twice that speed-380. They will earry passengers at less than h Plane Prejected - What Turns

classer Whether this plane will be one, Pan American relatives that Mackheed Program—That Lock- P-28 at Wright Field, it is equipped heed Averaft Corp has on the with an optical system solution

those the C-48 Constellation might righting apparatus used and re-

H. S. Palier Fartor-Aride Iron

At the Douglas fectory, representatives said the proposed DC-7. while designed to corry 55 passersgers and 20,000 pounds of cargo garding commental our transportations, except the United States, F Convage Program-Larger than

> Congress Gets More Reconversion Bills Industrial developtions in the

An proposals and counter-are-

b Co to Congress-Meanwhile, the to specy the Baruch plan and or-CAMERA RECORDS COMBAT: fally owere that Congress could Thur electrically operated recess

Sphing pigner starts taken the tive order implementing the Baruth plan, and John M Nancock, boards a post-way design far larger shours not only the surget, but the

velocing their organizations bea-Developments of Week - Wit Contracts on Military Affairs

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the Murray Committee does not

* Secular Property-With regard sponsers of the mago: curplus

Hearing Date Set-The Senate

Surplus Property

hearings Apr. 4 on the Gearnswith contract terrapoten alone. CAB will bandle the eviling would be handled reparately. Hen

Arms Air Faren, and 'approaching complete an anguerosco in sensitivally

share for every two sheres held in a proposed addition offering of 117,460

A Board Committee assessed a left to give complex Aggree remonstrates to WASTS Gen Armold said the AAF hopes, in time "to have every male Army flyer out of the U S and overseas lighting Trues-Carada Art Lorey has surveyed atternational contents West Indies Principle in looking up on its C-62 cargo plane at Huge stown, Md

this type by government spencies was preparing to introduce a bill | Other Groups Bearmented-Alwhich would parallel the George- though CAB win not listed in the on the way John M Hancock.

ments War, Nevy Treasury BFC Marrier Commission, WPB, Bofend its actions vignously. This and Foreign Breasure Advance-

> WPB Gcts Surplus Property Report Expected to shift some excess nime married back to cyclin-

Policy Board Meets Beard on which L. Wrich Porce. the War Production Board and discussions of the report are plement the excentive order makes

which would terminate Navy De-AVIATION NEWS . March 25, 1944 Printer Changing-The entire

Rise in Equipment Hilization Shown average of 6 he., 25 min. in 1941 to almost 12 be, for some lines

Increase in concenent utilization it may be attributed directly to wor

early in 1945 but new favour by hours, 25 garages up 1941 to 9 bours, 27 mastes in 1942. These

Figures in hours and manager.

American Boyal F Chiroso and Saudieros Constantial Ercha Ercharea Industry State Constantial Extractional State Constantial Extractional State Constantial Extractional Extrac

Canada Announces New Airline Policy Canadian Panish, new Air Transport Board sarrened

minion's new domestic air policy

Consider Pecific Realway, on the more strangent effect in divorming

blicus Quilius Palicy-Discutment of surface ownership, marry

seler, in the Bount of Commons at

Figure Rall Air Monapoly wille took

companies. No new air routes business". He pourted out that

FAir Trepopert Board-The Air mercial services and make recomdomestic and international fields. thorned to bandle afford dames

servery to Alzeks, new operated

(official meme of the Alaska acr-"We hope the right to use the routwas built by Canada in 1941 as



reverse thrust outs brakes on blimps

The easy of bonding exhaused in the Nory's new the revealifier of the Compa Disched

This few application of fully controllable reversible propellers to Sphier than or croft prevides many advantages Assess thrust offers a smaller even to half and maar the new bings when, releved of fuel and bank lands, they must be flown glows in light condition The controllable finature contributes to faster take all when the bilmps, heavily loaded, depend on divisoric lift the ronge ffrough reduced fuel consumption





LOST...and found

For many on Air Transport Command Flyor - the few moments before "ditching" may the lives of the even. For those are the menents in which "Sparks" can radio hisbasilion to a resette ship.

· Ferrying orgalizers, as nell as fighting them, has been made less impardons to this ruses from place to place, from place to lose · But what, besides radio, makes riseraft. terfreezes by high tenance greation current-. The sole of the Totalics leading bossess. hape not quite as mutercally known that

Totalica Radio Shalifed Jonation Harnesses Apprican was plance This man area well be attributed to Ditelex rapid standards of derigh, magnifecture, and inspection. But for and more teservis

500 Feelinghmeen Arenne,

· When the "reportulater" will arrive the final chapters in the war and over now to the commercial places that will next the and chapters in the peace, Titeles, hopes

. If you have not enquerying poshlowmaking refer, ton are mated to consult



Some 2,000 Frenchmen, many of U. S. Army Air Furee schools gators, mechanics, armorers and

MR and sumifies the pilets and tacked to the Air Musson in Washtrasting program is nine months) Same in Canada and Raudo-Intrained in this country, a number

err flying with the Bussen Air British Guiana Plans

\$3,840,000 Airport

A ensermor's constitute to Brit. tion of a \$3,540,000 airport of Georgetown as a step in the colcoast and the Allantic crossing to Pione call for runways 5.000 feet

Ex-CAA Officials In Service Listed

Large City, spread aminted to Councily to the CAA alterni progress, in Next despise at major general to thorpe in the Array Section Farrow Employments, Eryants, Edited & Warts, posteri council theremand solvent to Next the Council Section 11 to 1



SKELLTON OF A B24 LIBER 4YOR The next operation is to enclose the flight deck with the outer panels

featherwise the nace. This flight dech is completely assembled and is then





FLYING HO RSEPOWER

TODAY, FLYING HORSEPOWER IS 100% WAR POWER! But think what this kind of performance will mean in Peace!

ALBEADY takes have been shown that a two-counted exception, using new experient. "Societies" by "Ying Moneyowan," as where wearing performance record eyes the sent place using 200 orinan gentless. More are several comparation.	etims; The plane can climb over 1,870 doet per substate, compared with 1,400 feet per minute with 100 solute par- elms.
	######################################
TAXBOFF: The transport can berre the ground in less than 1,800 feet, compared to 3,800	LGAS: The place can easy a pay fined of over 9 800 possible. This competes with

... FUEL OF THE FUTURE

SENSATIONAL new superfuel, "Flying Horse-A power," is providing new power ingredients for America's 102-octone existing resolines ... boosting

the performance of U.S. planes. This greatest expoling news of the war is the result of development after development by Socony-Vacuum in Catalytic Cracking, It's the product of 11 years pionegring work ... a \$90,000,000 investment in new refigure conforment and facilities... the error-

est Catalytic Cracking program in the world No "dream," no fancastic processe, "Flying Horsepower" is a war-proved reality. Today, Secony-Vacuum is producing exough of this new asperfuel every day to provide 100-octupe gasoline for 1,200 diengine After Victory, this "fael of the future" will power the mightinut air fleets the world has ever known-

FOR TOMORROW'S PEACETIME PLANES!

America's commercial planes, For Socony-Vacuum refineries are ready-the day after all military needs have been met -to start producing for the peacetime requirements of the aviation industry.

NEW SUPER AVIATION OIL HELPS KEEP ENGINES CULANI





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THE AIR WAR

COMMENTARY

Increasing Hp, of Plane Motors Gives Allies Edge in Air War

World conflict developing into battle of blue prints with rewards of victory likely to no to side with most advanced acromunical engineers

troop carrier operations, and years. This author to ret-neopole

Wings For The Lien-Very 1886s sace, and murade-working mante-



RCAE SPEEDS LOG BOOK HANDLING

rapits above ledger type design quotous reterence a toronous sole. The

current E G. Rolls-Royce "Maylm" (Earlish mythology), Bristel The new engine has been called a

This is substantially the same entine which powers the Mantone (P-111), rated at 1.400 kg, with a too emercency of 1,520 hp. Than would rive the Griffon a possible 1.559-1.700 hn, with development postbibling of 2,000 hp or better. ler-Benz series, the Dil-693. This highly important engine is the power-plant of the current ME-109 Sebber the 106G flatest sub-

the 200 bush steed fighter-beggber (or maybe was) in Stuttener, a city which has been the subject of m Berlin, also probably heavily

Larger Liquid-Cooled Enginesin the LEGO his class. It may be an British Semilar reports were

senior 16-cylinder experimental

models by Pard and Chrysler. those jobs for some time, but that resolute gues and corner, with more amazanition, faster speed, inproved climb and longer range (all Haldar III, has stepped up the

has and the Dannier-Renz Dil-606) (two 601's). The Yulture nowered the two-enrine Avro Mancharter (exceeded in 1942 by the Solder. Owing to various difficul-DB-666 peaved a definite flop in the early development of the Harskel 177, a for-year berry

by two DB-ENT's (two 60%) bre" was degreed in 1925 and first mgo ni 2,300 hp. for takeoff. Il is the engine has turned out a ther-

spherised for both oursettly urn-Among rooms others, two highly and the other is the P & W-de-



SCRAP AIDS CADETS:

some years In December, 1949, Philodelphia, Dr. J. C. Hamsarker Whitney 15 -milester dealth West (B-1988) which during the next (X-3334) had already carried the rated as 2.252 No. reperring the Wright neconsulted plant and

Works Pield) and Navy Bareau engagering officers in the core slour, are Britan's 15-cylinder

Radio Jeep Guides Landing Planes

tanding accoraft to a honour or with a radio transmitter and rea bright reliow to be highly visthis to the lending pilot. Red runjeops are now in use at Mediterted to the War Dupt for posmble

Auxiliary Gas Tanks Used to Drop Food

They are made in two nections for loading of food and medical

supplies and re-rivoted for special delivery to moisled troops in tera difficult type obstatus



PERSONNEL



occated centeral manager of Al-Tip Capt. C. W. Washlen, chief point of one and Azr-

suck stationed in Betrut, and Care pilots Capt A E Wilesa will serve addition to his pery debes as chief

E B Gerry (photo) has been named Conveyed. He is stationed in Washington



and accraft magazacturers. Array

M. A. (Mike) Keepele former special. of the Federal Works Apoper, Washingten, has been maxed supervisor Radolph H Beerges, reportant to the







HEADS MATERIEL UNITS who heads the Engineering Dinmore of the AAF Materiel Cora-

General Curroll is placed respon-Colle II. Nelseach, chief navorator for American Airlines, has completed a

N. S. (Nadov) Crueders bits returned.

He is chief, traffic division, Office of Boting Arrendt

June T. Triege, president of Para Assertion Agreers, his been sworded

Cel. Clove Traverso is the newly sp-

AVIATION NEWS . Merch 27, 1914







Brevity is the Soul of Wit-Conserving Paper

QURE ITS EASIER to let your distortion roll alone. Sure the accounts write lead order. Some the poster to do all the good, pleasant things of normal peace and humpers when poper is like worse, something you

Text near subset the increasing power names of the owned. services duily decrease the satisfied supply of paperwhen paper in a true war essential-that's a different

All of us in business must worch every piece of paper or namer bound we use. We must judge its use in terms at absolute necessity. We must not use a smale posce. a single lack, of paper which theffine writing or print-

For wolffolied on a national scale that purticular usece or such of poper or DVDer board becomes the tempore ammusation and wecomes and medical supplies and blood plasma to our troops everneen.

If there's on Poper Conservation Committee in year organization or in your community, why not out one

Die odnetienen paparet unte die raspies ei die Ner Attentities

gesse today? spending six on the product dimension of the shipping gosiginer, so that the Days will have the LET'S ALL USE LESS PAPER

THE LINE PARTS MEGAZINE At token 25 tons of Misseurit poper to make o

hetfisskip

Sectional close, take \$22 counts of coper of look paper, 2 pounds of book paper

Each propeling charge for Mil-millioniar shall

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the and re was residen paper consistently Conversely, reduce the number of units in office Industry current board when such reduction will Water D. B.P. Williams Caffi No. He was fermerly supermisendent of United's curtern fight spervices.



at Son Francisco. He succeeds Peal

Capt. Thomas L. Spragae has been manunsted as a rear afragal, He will be commander of Flort Air, Naval Air

Nascy Forthy Made-Smith in technical lines, Inc. She

for rustage. She w the first woman

ers! His articles on military axia-

Moleclin, Y., McConnick, prechabacut na analysis of raffigo records of medical exexplane piloto Detroit, where metals 1,000 cause a

AVIATION NEWS . Merch 27, 1946

Sense N. Soot has received as counsel.

Burrow N. Snew has been appointed

reacts for Gerand AuBeserrah



FETED FOR ANDES HOP:

Capt Dapoberto Godoy, Chulery

Theeler

Voy Gen Halers Hornes has been apposited surveyander of all au force in the Selomans in addition to his expensed of the Arms's

ferner evener and operator of a

Ten Scenes (left) has been made











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- * TRANSPORTATION
- · SCRAP

Any production method that can save sirconsideration. Add to this the saving of plant storce, transportation and arran handling and you have a combination that's unconalled in specifing plane production hart such a method is Reynolds Prefabroated

- . It seves pleat space because you do not have to
- . It seem you transportation because it changes on

during fabrication can be put back to work as our plants to a matter of days stated of months. Remoble was the FIRST The first alarmage manufacturer to smally

years are, Reynolds is, teday, supplying fin whed parts to every leading manufacturer of up the ornangetion needed to make such a plan smooth-renging, accorate, practical.

This forward thinking and co operators planabsences a wade This area to "sa above" in

for new ways to make aluminum better . . .







AIRCRAFT PRODUCTION

Wright Aero's Hp. Output Establishes All-Time Top

Total of 284,200,000 hp, produced between Pearl Harbor and Jan. 1944, Guy W. Vaughan, president, rayeals.

duced Wright Cyclone and Whith-284.200.000 hp between Pearl Harber and Jan 1, 1944, an all-time record for production of aircraft 2,200 his was placed as quantity and other military planes. In add-Includes Spares-The production chose is also being built for the rings \$5 of 1.200 by healt under turing area, although the manu-Europe in 1909 and the Pearl Haron Cyclone 9's of 1,260 hp for each planes to the Boring B-17, Dougles | Production Rate Up-During the of the Cyclone 14, one at 1,693 hp.,



2,200 kg. Weight Corloss 16's on Assembly Line: Whole shows Confesse

through 1944. Preduction of the

shows that during 1944, Wright of 264,200,000 has for 25 months or

an average of over 11,000,000 a September, 1909, first month of wir in Birrye, when the engage output reached what was then a

Lockheed Station Aids Radio Research Ultra-histo-frequency Inborumey

An operational testing station,

which still are largely theo stiml very-high-frequency, ultra-higharete radio sets, and the Lockheel Strategic Situation - The new

Chamber Conducting Packaging Series

Pragram—The studies now becau

expenseus were conducted by

The raccum of this undertakens. led to extension of the studies to

Wins Wright Medal

meeting of the SAE in New York Are 6 Guest speaker at the danger will be Major Gen Frank O'D Hanter, who will speak on "The Army Air Forces in the Precent

Parts Group Elects Amory Manager Executive staff representative followed closely the suppurced in-

Beneration of C. C. Codding as

NEW PROPS FOR REPUBLIC'S THUNDERWOLT

New Rolls-Royce

Current Three representative polyments for Household Streets and The blade shown in the same as on the Gramman Helicat's 2-blade peo-

appointment of H. Bassell Amory. Navy Sets Up former WPA adventages for Contract Groups b Basiness Service - Wallace Manfactory, will head the newly

The Navy Bureau of Association created business service section of Prosk A Zurono, USNB, and Augules, will drivet the Associastalled on the Scotter bus been due

borresponser than the overlead Merwill dispose of surplus production that powers America's long-range . Resognistion-Renegotiation of contracts does not come under di-The Griffing... parted for a revoluelegical helf-engle and helf-lion- nated "by coursel. Comde Zunino has been a reserve officer in naval axiation mace

AVIATION NEWS . March 22, 1844

HEAT, LIGHT, AND POWER Five miles up!



The Gessel Extent of a power system slower have not only sensitive size of the first power bear the voltage and distributes the current to every part of the plane. From powerful, though result sponsories to relays, contoctors, and solvides, this aircraft power systems is designed and superserved as an interpreted whele to GS tenderful. It is not of several types of GB to content and organizate systems power both the second content of the content of content of the

As ships measure as complexity, the need for automatic operation becomes most pressing to fine as ones members for more important duting. The resources of General Bioctric are systems. Systems that automatically position cost flaps and interceoler shutters, synchronase the operation of two or more parts of the shap, control synamous - the over fight operations, formerly serkinged by the shigh every

The feedings, reliabling, and light weight of these G-X systems one resonant option and agrees new relief to thorse Bester's when they agree new relief to thorse Bester's when they feed to the state of the postering complete electrocystem, negocered by one superiode of the state of the state information response to 8 series in yetters, and consultance on enterophical projects involving for the state of the state of the state of the General Bester of Company, Solvensed S. W. T.

Typical G-II components of the D-C FOWER SYSTEM

GENERAL & ELECTRIC



P-38 Camera Ships Described by Army

War David less shown here on Details of the Laphtoma P-5 roge. The P.A differs from the

operates, although on some mispounds rebelloried. The sevent in

the War Department, is the truce-For low-level flights, the short-



Industrialist tells Between soock after approving complex perco. been one of the factors materative from Beweler Accongstson Caro.

The Navy has under consideraapproved and paid by the Navy. whether to claim that it is extitled

to recover from the company the amount by which costs might be May Leren Those Abber Vision if the stockholders sisk it, adding that he fell that "the task of plac-



as fiesible and less subject to An expertant stop toward elemmating ampliane "ikin fruction" in Speeds Helldiver

that C W Johnson, of its Parks, getly for filling deats and cracks. reportance of wing nurface

smoothness. A Lungley Field report seed a transport flyand at 225 Profes Problems—Alread; outlier

U. S. Plywood Gets Cascades' Output

Acquires correct of eatire production through loss, suckhald United States Plywood Corp. has

h Solow-Net soles of 1999C and h Conversion Eventures - DeSole reseths ended Jan 31, 1944, tataled

Chrysler Technique

Power-derven assembly lines used at DeSeco Division of computer.



Officers Reelected By Breeze Corps.



Light Plane Talks

First released photograph of elecolis-Honeyszell Regulator plant, Arrang papers to be delivered use. "Wing Place to Lorde Asserted



Lightning Used in Photo-Recommunica: Just released are details and pictures of the Lockheel F-S, photo-recommunication territor of the fa-

mour folier. Too micture about place with the concenners. Below

TRANSPORT

3,500 Key Airline Personnel Come Under Tighter Draft Order

Men in vital flight and maintenance positions affected by President's move to cut occupational deferments to bone.

By MIRLIN MICKEL

Air Transport Command has an deforment responsibility been green forces showing that a Intercompos Possible... Observable more than 3.500 welves furbl and

mutely a fourth of the entire ner- possituately 600 planes in their commercial operations and mak-

ATC is base of intercession by the figures covered Margager four

Labor Problem

That was in 1948, but loss to our was effect," virtually

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into the ESS . As a second of the same of

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AVIATION NEWS . March 27, 1944



From Rio Grande Memorial Disser-About 2000

with it with a t till Pogue Sees Spurt In Private Flying

Indianapolis Port



PCA REDUCES ELECTRICAL TESTING TIME

Renamed for Ace

Planes Fly Fruit Old Harvey West Cook of In-

and Cal Edward 5 Evans





have to severe dat partner house in such come the

and and method dones with special equipment to lock

AVIATION NEWS . Much 27 1944

AA Acquisition of Export Studied For Effect on U. S. Air Policy

Move revarded as serious blow to "chosen instrument" peoarram advanced by Senator McCarran's avenues bill

Whether pregranged or comes aroundest, was not clarified in the Agrenant Expert Lines was a blow a separate entity" and titelf serve Becouty James Committee the British Dies and the Mediter-American Export Airlance, which renews area, terminature in Boon-

Evpert Lines, a steamship com-to use Propert Audines as "the cornter. Except Audines' executive ware after places at Pan American AlexEarly Hearings There is no reason why hear-

The agreement is regarded in official quarters as an effective

If nonline probestons for

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ways All farce are from everyone American Export burs. Applicato properly caretal for Amer de-

PAA OPERATES TORONADOS:

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from the figures in cargo hotch and fight deck. The girls are Western

Export Airlines passed from Amer-

AVIATION NEWS . Merch 27, 1944

ter explained that, under saltest

lines for the \$3,000,000, which shares of the stock it now ewen fulfill CAB reconcepents that it do- > 26 Strips Constructed-Twenty-

ACC Maps Post-War Air Research Unit

Committee named to continue exfrom after-year anergy the Eco-

This group was named to work velopment of aneral) and includes. m addition to Smith, Jeorgh T elatern representative of

sable, due to lack of funds

Flight Strip Data Given House Group Road Commissioner urres con-

Tortifene before a House Appropriations subcommittee. Mac-

than 23 years, the Mercury Mark

has stood for prevrienced under the \$10,000,000 an cision and skill in craftsmanship, plus a sixth sense which The original appropriation was can be acquired only In this respect, MocDonald through experience

... the know bow to do a job right . . . > Surveys Asked ... He said that in notition to the original morrays which is now mearing completion. suddern and similar

The Could of Acres been constructed for military purmending process of the various Air Posces and in sanny coops they





McGRAW-HILL presents

AIRCRAFT INSTRUMENTS

McCarran Bill Emphasizes Question Of National Aviation Policy

Commenheesive measure by co-author of Civil Actingatics Act expected to face destric attempts at rescritive before reaching

helpful new ROOKS in the Aviation Field

channel Figure Printed Come All page: 6 r

THE HELICOPTERS ARE COMING By C. B. F. Mausha, house sampled after Austine and solder of the Trib. Diff Jugot, Ph. 19, (Business) 12.00 New is a restable, secondly conver system. The All American Plan

\$5.000,000-a rum that is more A GUIDE TO NAVAL AVIATION

Meil this course new!

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face corriers from gaming such to a control that they could stelle an

Experimental Certificate -- Ar-The certificate could be issued for and the holder of the "experimenthe line. This second certain to

drawn to adjest controversal cy The author comments that the

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Capital Problem

Minimum Investment-The hall

AVIATION NEWS . Merch 31, 1946

requires cash payments of the sub- Operate 191 Planes

Mexican Line May Ask Route into U.S.

Americ Transporter S. A. a Merireport of but official in the

Ask New Routes

Domestic Airlines

Total of 25 recursed by Arms

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AA'S WOMAN ENGINEER any stack for which an elamble are Texas covering 3-965 miles resource her drie sob at La

AA San Antonio Ruling Due Soon

plication for toop on Mesoto

An early declars is expected on include Sen Antonio as an inter-City. Chargest Pague and Mem-American's oral argument for the

requirements and thereby increase ship office at San Antonio would be b Intervenors-Eastern and Brazill,

FStudy Being Made-New, he Brazell's Charles E Beans, vicecovering 4.461 rates of routes FCAB Approval to be Asked-

Beard and CAB approval of their stopping at Sun Antonio must bewice between San Antonio and Fort logs involving supplications for American's application to make

Marr Thomason

Long-Range Port Study Made by CAA

There was a time, and Checles stroogie admits it, when surport

The current study is being done

Dates Postponed Post-owerrent of important dates

America was announced by the Civil Acquaistics Beard Hearing

these to Han and the Canal Zone. the Italian Arrivan according to

1,600 aperelt were hended by the center, cheefy B-17's A few P-21's and some British craft also were

Continental Air Lanes renounced

so-called "merry-pe-round" see- in the Lates-American proceed. President Trajelle, of the Dunies

Nat'l Aviation Buys 6.000 Shares TACA

beldings of TACA stock. Transstock valued at \$2,200,000. TWA used TACA concludation is \$5,000 -

WTS Status Absence of a full ottendance at s Senate Consumeror Consumition

Service Scontor McCarran saked CAR ACTION

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We're Making Prompt Deliveries

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AVIATION ENGINEERING

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FARRICATED AND MOULDED

FINANCIAL

Canada's Assumption of Port Costs On Alaskan Route Presents Problem

Difect of policy on privately owned airlines and American air transportation systems studied as important move in world

The hand of the Canadan star- points beyond. Also provided see C. D. Howe, minister of cupply. Price Comparatively Small-The developing global air routes will

999 990, while total cost of the westers development of the nor- #Strengthens TCA-This latest

Edmoption, via Whiteharse to the Pacific payent or empiration has deprogrammently in any international atenuable facilities with a similar registration of contracts. Previous

> Fersibility Questioned-Thus in:

commercial operation becomes

Financial Reports Solor Manufacturing Corp., m a

prelemmer report for 1943, luta \$ 65 a share on 225,000 shares for 1943 Profit for 1841, before federal taxes, was \$1,395,000 with Are Equipment Corp. and subsetracres propert not sales of \$14.659 - cal note but industrial recorners. A Korne's Holdman-Alexander N.

A Screenilly Assistant Carp. Property. equation, equal to \$3.66 a share a common share in 1942 Great sales were not seven in the 1943 were approximately \$60,000,000 in our Assways Corp reported Janu-

SEC Lists Trading In Aviation Stocks

in own company shares

leaving a balance of 24 shares in class of the moeth

Malley Core, Haldman-The SECTS 900 shares of Northeast Aulper

all as a \$1.00 a place. Sales of his companies company during then with reports filed with the

200 sharps of his company's comdent, 968 phores Richard L. Deber. vice-president, 100 styres, John Several officials of Pan Americand Paul G Haffman director, 160

a Rell Haldison-Lourseyer D. Bell. though sale of 199 shares John an ewoctsixp of 1 100 stures. Even treasurer, sold 300 shares, leaving month Edwin & Palmer, vicepresident of Dendex Aviation through sale of 200 daring Javahim ownership of 1,389 shares at your

Makerinties Rights-in correc-



faced has holdsows to 1,390 shapes

shares leaving box 1,000 shares

Glenn L. Martin, prendent of

Competition

EDITORIAL

SEN McCaman's new aviation complus hill calls for an all-American Play line to operate all ment's other provisions had not been possible as

mattee for U.S. Aur Polary, told the persa-"We do not believe that a recognish well heet should be determined by the traffe, the public in-

ciple of carulated competition." Although Sen McCarran desires that his bill elignmates the driving element of competition, sets tion which will be unable to adopt itself quickly to raises arrious doubts that the United States would

leadership in international commercial fiving, out neuthlors, and start out again with a handscap? If America has no more faith in its holdy to offer a better service than its neighbors, we have lost

Higher Postage

S marries currection of the annuall service by com-mercial users will be the major result of higher Bandreds of firms which have been tolerating the While no one in Washington will do more than succes on the outcome, it seems likely that the bike (1) Increase discisfir the income to the Post Of- are confident. The success of the carrier's role in

erament to the ardines, eithough thousands will realizes

stop usund airmed, including many service men

the volume will stop rising and start to level off the arrives from the Past Office Department.

their fleets-and still be unable to fiv all the syntable mail even in good weather

for one to Choram which is lakely to speed the allotment to the air-The crux of better aurmail service for the war

effort and the public, of course, is the sireraft commonent. Monthly transport vendurtum is at a new peak, and will continue to rise for some time. recommending more planes for the airlines but several times that number, to handle the aloffy. Recouse of the creat distances involved a

Big Future for Flat Tops

A MNOUNEMENT last week that 38 bally flat tops A had been lease-less to the British, still leaving the U. S. Navy with about 50, is striking evidence

The maximum strategy resultdities of the aircraft carrier still have not been developed, but

Bambers for which winns, other essemblies, or precision-built parts of wood, solid and laminated, have been built by Grand Rapids Industries Inc.

GRAND RAPIDS INDUSTRIES. Inc.

offers Skilled Experience

Correlated Facilities of 15 Plants for Volume Production

of AIRCRAFT

Monted in Wes Broduction

forthe Airenoft Industry



AVIATION NEWS . March 27, 1844



Before going on its own . .



Four of these Bassick Super Heavy Duty Grooved Wheel Casters equipped with one Timken Bearing in the swirel and two in the wheel carry the entire C-46 Cargo Ship

Even before going on its own, the Timken Bearing Equipped C-46 Curtiss Commando Transport is carried down the assembly line by a production cradle mounted on Timken Bearing Equipped casters.

Timken Bearings in shop truck wheels have been saving time and cost in factories of all kinds for many years. Now, in this new form, they're helping to keep vital airplane production on the go! The Timken Roller Bearing Company, Canton 6, Ohio.

